

Applicant:	Anthony Mark Pasqualoni,	Deepak Mahulikar,
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Larry A. LaFollette and Richard J. Jenkins

Serial No.: Not Yet Assigned

Filed: Not Yet Assigned

For: A CHEMICAL MECHANICAL POLISHING SLURRY

COMPOSITION FOR POLISHING CONDUCTIVE AND NON-CONDUCTIVE LAYERS ON SEMICONDUCTOR

WAFERS

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Customer No.: 27,623

Attorney Docket No.: 341.6910USQ

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

X	Within three (3) months of the filing date of the national application;
	Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.49° in an international application;
	Before the mailing date of a first Office Action on the merits;

 After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e or the fee set forth in 37 C.F.R. §1.17(p);
 After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
 After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and
 After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).
 Filng with RCE Under 37 CFR 1.114.

The following references were either (1) cited by or (2) submitted to the Patent and Trademark Office in priority application Serial No. <u>09/845,549</u>, filed <u>April 30, 2001</u> Accordingly, copies of the following references have not been submitted herewith. (37 C.F.R. §1.98(d)).

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,

December 1, 2003

Paul D. Greeley Reg. No. 31,019

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

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Sheet _1_ of _4_.

FORM PTO-1449			Docket Number (Optional) Application Number						
INFO		IDE CITA	TION	341.6910USQ Applicant					
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Pasqualoni et al.						
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		U	. S. PATEN	T DOCUMENTS					
EXAMINER INITIAL	DOCUMENT DATE NUMBER			NAME	CLAS	S	SUBCLASS	FILING D	
•	3,170,273	2/23/65	Walsh et al.						
	3,527,028	9/26/67	Donald R. C	Swald					
•	4,050,954	9/27/77	Jagtar S. Ba	si					
	4,169,337	10/2/79	Charles C. F	ayne					
	4,304,575	12/8/81	Charles C. F	ayne					
	4,462,188	7/31/84	Charles C. F	Payne					
	5,139,571	8/18/92	Deal et al.						
	5,230,833	7/27/93	Romberger	et al.					
	5,246,624	9/21/93	Miller et al.						
	5,314,843	5/24/94	Yu et al.						
	5,340,370	8/23/94	Cadien et al						
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· · · · ·	OTHER	R DOCU	MENTS (includ	ding Author, Title, Date, Perti	nent Page	es, El	tc.)		
	Carpio et al., "Ini	tial Study	on Copper N	ACP Slurry Chemistir	es", Ti	nin S	Solid Films	, 1995.	
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•	5,607,718	3/4/97	Sasaki et al.						
	5,656,097	8/12/97	Olesen et al	•					
	5,695,384	12/9/97	Howard R.	Beraton					
	5,750,440	5/12/98	Vanell et al.						
	5,770,095	6/23/98	Sasaki et al.						
	5,908,509	6/1/99	Olesen et al					•	
	5,954,997	9/21/99	Kaufman et	al.					
	5,980,775	11/9/99	Grumbine e	t al.					
	5,993,685	11/30/99	Currie et al.						
	5,996,595	12/7/99	Olesen et al	•					
	6,010,962	1/4/00	Liu et al.						
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	Research Society	Symposiu	um Proceedin	ıgs, 1996.		<u>-</u>			
	Gutman et al., "C Thin Solid Films,		Mechanical F	Polishing with Oxide	and Pol	ymer Interlevel	Dielect	rics",	
	Lou et al., "Stabilization of Alumina Slurry for Chemical-Mechanical Polishing of Copper", Langmuri, 1996.								
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_	6,171,352	01-2001	Lee et al.		51		307		
	6,461,227	10-2002	Fang Mingn	Fang Mingming			41		
•	6,325,705	12-2001	Burke et al.		451		288		
	6,063,306	05-2000	Kaufman et	al.	252		79.4		·
	6,136,711	10-2000	Grumbine e	t al.	438		692		
	2002/0032987	03-2002	Steckenride	r et al.	51		309		
	2002/0003225	01-2002	Hampden-S	mith et al.	252		79.1		
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	6,325,705	12-2001	Burke et al.	451		288		(-	
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•	2002/0032987	01-2002	Steckenride	r et al.	51	309			
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